



Form PTO-1449

ATTY DOCKET NO. 70-01	SERIAL NO. 09/974,729	FILING DATE October 9, 2001
APPLICANT Goodman and Martarello		GROUP 1606

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
10	5,413,779	5/9/95	Kuhar et al.	424	1.85	
	5,310,912	5/10/94	Neumeyer et al.	424	1.1	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
	97/43285	20/11/97	WO	C07D	451/02	Yes

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

1	Blough et al. "Synthesis and Transporter Binding Properties of 3β-(4'-Alkyl-, 4'-alkenyl-, and 4' alkynylphenyl)nortropane-2β-carboxylic Acid Methyl Esters: Serotonin Transporter Selective Analogs" (1996) <i>J. Med. Chem.</i> 39(20):4027-4035.
2	Blough, B.E. et al. "3β-(4-Ethyl-3-iodophenyl)nortropane-2β-carboxylic Acid Methyl Ester as a High-Affinity Selective Ligand for the Serotonin Transporter" (1997) <i>J. Med. Chem.</i> 40(24):3861-3864.
3	Goodman, M.M. <u>Clinical Positron Emission Tomography</u> Mosby Yearbook, 1992, K.F. Hubner et al., Chapter 14 "Automated Synthesis of Radiotracers for PET Applications".
4	Hubner, K.F. <u>Clinical Positron Emission Tomography</u> Mosby Year Book, 1992, K.F. Hubner, et al., Chapter 2 "University of Tennessee Biomedical Imaging Center and Transfer of Technology to the Clinical Floor".
5	Hume, et al. "Citalopram: Labelling with Carbon-11 and Evaluation in Rat as a Potential Radioligand for <i>In Vivo</i> PET Studies of 5-HT Re-uptake Sites" (1991) <i>Nucl. Med. Biol.</i> 18:339-351.
6	Kilbourn et al. "Synthesis of Radiolabeled Inhibitors of Presynaptic Monoamine Uptake Systems: [¹⁸ F]GBR 13119(DA), [¹¹ C]Nisoxetine (NE), and [¹¹ C]Fluoxetine (5-HT)" (1989) <i>J. Label. Cmpd. Radiopharm.</i> 26:412-414. (Symposium Abstract)
7	Maryanoff et al. "Pyrroloisoquinoline Antidepressants. In-Depth Exploration of Structure-Activity Relationships" (1987) <i>J. Med. Chem.</i> 30:1433-1454.

EXAMINER *Hartley*DATE CONSIDERED *1/17/2003*

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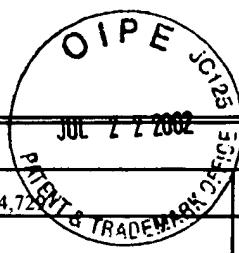
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8		Mathis et al. "Synthesis and Biological Evaluation of a PET Radioligand for Serotonin Uptake Sites: [F-18]5-Fluoro-6-Nitroquipazine" (1993) <i>J. Nucl. Med.</i> 34 :7P-8P.
9		Murphy, D.L. et al. "Use of Serotonergic Agents in the Clinical Assessment of Central Serotonin Function" (1986) <i>J. Clin. Psychiatr.</i> 47 (supp)9-15.
10		Suehiro et al. "Radiosynthesis and Evaluation of N-(3-[¹⁸ F]Fluoropropyl) paroxetine as a Radiotracer for <i>In Vivo</i> Labeling of Serotonin Uptake Sites by PET" (1991) <i>Nucl. Med. Biol.</i> 18 :791-796.
11		Suehiro et al. "Synthesis of a Radiotracer for Studying Serotonin Uptake Sites with Positron Emission Tomography: [¹¹ C]McN-5652-Z" (1992) <i>J. Label Cmpd. Radiopharm.</i> 31 :841-848.
12		Suehiro et al. "A PET Radiotracer for Studying Serotonin Uptake Sites: Carbon-11-McN-5652Z" (1993) <i>J. Nucl. Med.</i> 34 :120-127.

EXAMINER	Hortley	DATE CONSIDERED	6/7/2003
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No

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<i>dh</i>		Gu, X-H et al., "Synthesis and biological evaluation of a series of novel - or O-fluoroalkyl derivatives of tropane; potential positron emission tomography (PET) imaging agents for the dopamine transporter," (2001) <i>Bioorganic & Medicinal Chem. Lett.</i> 11:3049-3053

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